



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 28, 2015

Michael T. Novak, Agent
Petro-Canada Lubricants, Inc.
A Suncor Energy Business
2310 Lakeshore Road West
Mississauga Ontario L5J 1K2, Canada

Subject: Notification per PRN 98-10 – Updating Company Name
Product Name: Civitas
EPA Registration Number: 69526-13
Application Date: April 17, 2015
Decision Number: 503632

Dear Mr. Novak:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

If you have any questions, you may contact Carlyn Petrella at 703-347-0439 or via email at petrella.carlyn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Walsh".

Michael Walsh
Product Manager 11
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

NOTIFICATION

69526-13

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/28/2015



[Alternate Brand Names]

CIVITAS TURF DEFENSE™ Ready-2-Mix
CIVITAS TURF DEFENSE™ Synthetic Isoparaffin

Fungicide and Insecticide for Turf [or]

Fungicide and Insecticide for turf on golf courses, sports and athletic fields

ACTIVE INGREDIENT:	By Weight
Mineral Oil*.....	98.00%
OTHER INGREDIENTS:	<u>2.00%</u>
TOTAL:	100.00%

*Contains petroleum distillates

Patent(s) : www.suncor.com/patents

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside [booklet] for additional Precautionary Statements and Directions for Use

**2015-April-17- Notification to add company logo
69526-13 CIVITAS Master Label**

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FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER Have the product container or label with you when calling a poison control center or doctor or going for treatment. To reach a U.S. POISON CONTROL CENTER, call 1-800-222-1222. You may also contact INTELLIGRO, a Suncor Energy business [or] PETRO-CANADA: 403-296-3000, or CANUTEC Canadian Transport Emergency Centre: 613-996-6666.	
NOTE TO PHYSICIAN: Contains petroleum distillate. Do not induce vomiting since vomiting may induce aspiration pneumonia.	

EPA REG. NO. 69526-13

EPA EST. NO. 79693-CAN-001

MADE IN CANADA (MAY CONTAIN IMPORTED PARTS) FOR:

INTELLIGRO [or] PETRO-CANADA LUBRICANTS, INC., A SUNCOR ENERGY BUSINESS
2310 LAKESHORE ROAD WEST
MISSISSAUGA, ONTARIO L5J 1K2, CANADA

NET CONTENTS: XX U.S. GAL. (XX L)

[Batch Code/Lot Number]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants;
- Chemical-resistant gloves, made of: Barrier laminate or Nitrile rubber, Neoprene rubber or Viton;
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily damaged by this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet;
- Remove clothing and/or PPE immediately if pesticide gets inside and then wash thoroughly and change into clean clothing;
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. Apply this product only as specified on the label. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Aerial application of this product is prohibited.

This product is registered only for use on turf on golf courses, sports and athletic fields.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets out of the treated area until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Keep drums closed to prevent entry of water. Do not freeze. Roll drum before use if stored longer than 3 months.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Dispose of wastes resulting from use of this product on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

[275 Gallon Polyethylene Bladder in Steel Cage: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Return bladder and steel cage to your CIVITAS™ dealer and offer for recycling. If recycling is not available, puncture and dispose of container in a sanitary landfill.]

[Containers greater than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. If recycling is unavailable, puncture and dispose of container in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.]

[5 Gallon Polyethylene Pail: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is unavailable, puncture and dispose of container in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.]

PRODUCT INFORMATION

CIVITAS™ should be applied to healthy, growing turf. Civitas should be applied prior to the onset of disease symptoms. CIVITAS™ may be used in combination with other fungicides. Application rates toward the higher end of the ranges specified on this label and/or inter-application intervals toward the shorter end of the specified ranges should be used when conditions are favorable for disease development and in the absence of environmental stressors, including high heat and humidity or other stress factors. Combinations of CIVITAS™ with registered fungicides may be necessary when disease pressure is high.

CIVITAS™ may be used on cool-season grasses and warm-season grasses if applied in accordance with the requirements and specifications of this label.

Except during periods when temperatures are, or are expected to be, very high or near freezing, CIVITAS™ may be applied repeatedly throughout the growing season, at the intervals and rates specified on this label.

USE RESTRICTIONS

CIVITAS™ may only be used on golf course turf, sports and athletic fields to control the types of insects and fungi identified in the tables in this DIRECTIONS FOR USE section.

Do not apply this product during or immediately prior to times when temperatures are expected to be very high (above 90°F) or near freezing (at or below 40°F), or when rain or other unsuitable weather conditions are predicted.

For turf applications, CIVITAS™ must only be used in conjunction with **INTELLIGRO [or] Petro-Canada CIVITAS HARMONIZER™.**

Do not over-spray or double-spray.

Ensure CIVITAS is applied prior to line painting on sports and athletic fields. Wait until product has thoroughly dried prior to re-entry to avoid staining.

USE PRECAUTIONS

Reduce the use of CIVITAS™ during periods of severe environmental stress, like high heat and humidity (including high soil temperatures at the roots), by using the longer specified inter-application intervals and/or the lower specified application rates in combination with cultural practices to reduce stresses on turf. Under such conditions, use the product with caution on *Poa annua* and do not apply this product during mid-day.

This product has not been tested on all species or varieties of plants. Before treating a large area, treat a small area and observe it for damage for several days prior to making full scale applications.

Plants should be sprayed only when in vigorous condition and when moisture conditions are suitable.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Release Height

Apply using a nozzle height of no more than 4 feet above the ground.

Droplet Size

Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

INTEGRATED PEST MANAGEMENT (IPM)

This product can be used in resistance management strategies or in integrated pest management (IPM) programs. Consult with your local Cooperative Extension Specialist on using this product for resistance management and using it in an IPM program.

MIXING DIRECTIONS

Use only in equipment with sufficient agitation to keep contents thoroughly mixed. Provide sufficient agitation during mixing and application to maintain a uniform emulsion. Be sure tank is clean. Before mixing or using this product, make certain that the tank is free of sulfur residues.

Use 1 part, by volume, of CIVITAS HARMONIZER™ for every 16 parts, by volume, of CIVITAS™. Carefully calculate the amounts of CIVITAS HARMONIZER™ and CIVITAS™ needed before mixing.

With agitator running, start filling the tank until it gets about ½ full. Add any powders or granular products that are to be used, and be sure that they are completely dissolved before other products are added. Add CIVITAS™ to the mixture. If it turns white, that indicates good emulsion. Shake or agitate CIVITAS HARMONIZER™ immediately prior to adding it to the tank. Add the calculated amount of CIVITAS HARMONIZER™. That should cause the spray mix to turn an opaque dark green color. Add any other products that are to be part of the spray mix and fill the tank completely with water.

Prepare only enough spray mix for the current day's use. Do not store spray mix.

Maintain agitation during mixing and application.

Clean up any spills containing CIVITAS HARMONIZER™ immediately with warm water and soap to help avoid persistent staining.

DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

Tank Mixes

Follow all directions, precautions, and limitations on labeling of all products used in tank mixes. Observe the most restrictive of the labeling limitations and precautions of all products used in the mixture. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

DO NOT combine CIVITAS™ in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use or “jar compatibility test” has shown the combination to be physically compatible and non-injurious under your conditions. USE WITH CAUTION and test on a small area prior to broad application, especially in the following combinations:

- CIVITAS™ combined with propiconazole and chlorothalonil may cause phytotoxicity when applied to Colonial bentgrass under high temperatures and humidity
- CIVITAS™ combined with DMI fungicides may cause phytotoxicity when applied to stressed turf especially to Poa annua and Bermuda grass under high temperatures and humidity
- CIVITAS™ combined with high rates of certain iron-containing products may cause potential turf discoloration
- DO NOT combine CIVITAS™ with chlorothalonil on Ryegrass as phytotoxicity may result from the combination under high temperatures
- DO NOT combine CIVITAS™ with PCNB as phytotoxicity may result from the combination when applied to turf

APPLICATION PROCEDURES

CIVITAS™ may be applied using the types of spray equipment commonly employed for ground applications. Note requirements for **SPRAY DRIFT MANAGEMENT**. Ensure that sufficient agitation is provided and maintained, either through use of mechanical mixing equipment or thorough circulation. Apply CIVITAS™ and CIVITAS HARMONIZER™ mixed in water as indicated above with 1-5 gal of total spray volume per 1000 ft² of turf area to be treated. Apply CIVITAS™/CIVITAS HARMONIZER™ in a volume of water sufficient for adequate coverage and canopy penetration. All applications must be consistent with the requirements and specifications indicated in the **DIRECTIONS FOR USE** and the rest of this label.

DIRECTIONS FOR USE ON TURF*

- *CIVITAS™ should be applied to healthy, growing turf.
- *Apply CIVITAS according to the interval range identified for the specific disease throughout the whole growing season prior to the onset of disease symptoms.
- * CIVITAS™ must be used in conjunction with CIVITAS HARMONIZER™. Add in a ratio of 1 part by volume CIVITAS HARMONIZER™ to 16 parts by volume CIVITAS™.
- * CIVITAS™ and any tank-mix combinations should be tested on a small area prior to broad application.
- * On greens and tees, use application rates toward the lower end of the specified range. On fairways, use application rates toward the upper end of the specified range.
- * Refer to Tank Mix section for compatibility cautions.

Turf Disease Control

Target Disease	Application Interval (Days)	Total Application Volume with water (gal per 1,000	Application Rates (Fluid Ounces CIVITAS™ per 1,000 sq. ft.)	Comments
		per 1,000		

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		sq. ft.)		
Anthracnose (<i>Colletotrichum cereale</i>)	7-14 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™ Up to: 16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	
Brown Patch (<i>Rhizoctonia solani</i>)	14-21 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™ Up to: 16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	When disease pressure is high, CIVITAS™ should be used in combination with an appropriate, registered fungicide.
Crown Rust	14-21 days	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	When disease pressure is high, CIVITAS™ should be used in combination with an appropriate, registered fungicide.
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	7-21 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™ Up to: 16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	When disease pressure is high, CIVITAS™ should be used in combination with an appropriate, registered fungicide.
Fusarium patch (<i>Microdochium nivale</i>)	14-21 days	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	When disease pressure is high, CIVITAS™ should be used in combination with an appropriate, registered fungicide.
Gray Leaf Spot (<i>Pyricularia grisea</i>)	14 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™ Up to: 16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	CIVITAS™ should be used in combination with an appropriate, registered fungicide.
Large Patch of Zoysia (<i>Rhizoctonia solani</i>)	2 applications in the early Fall. (September, October) It is critical to apply before the plant has become dormant.	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	CIVITAS™ should be used in combination with an appropriate, registered fungicide. Application in early Spring may be necessary where disease pressure is high.

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Leaf Spot / Melting-out (<i>Drechslera</i> <i>spp.</i> and/or <i>Biopolaris spp</i>)	14 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™ Up to: 16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	
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Necrotic Ring (<i>Leptosphaeria korrae</i>)	14 days	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	
Powdery Mildew (<i>Erysiphe graminis</i>)	14 days	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	
Red Thread (<i>Laetisaria fuciformis</i>)	14 days	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	
Snow Mold, Grey (<i>Typhula ishikariensis</i> , <i>Typhula incarnate</i>) Pink (<i>Microdochium nivale</i>)	Apply clean-up spray 14-21 days before final spray. Must apply final spray before the plant has become dormant.	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™ Up to: 32 fl. oz. CIVITAS™, And 2.0 fl. oz. CIVITAS HARMONIZER™	CIVITAS™ should be used in combination with an appropriate, registered fungicide.
Southern Blight	14 days	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	
Spring Dead Spot (<i>Ophiosphaerella korrae</i>)	2 applications in the early Fall. (September, October) Must apply before the plant has become dormant.	1-5 gal.	16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	CIVITAS™ should be used in combination with an appropriate, registered fungicide. When CIVITAS™ is used in a tank mix with fenarimol the turfgrass should be irrigated with 0.5 inch of water following application.
Summer Patch (<i>Magnaporthe poae</i>)	7 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™	CIVITAS™ should be used in combination with an appropriate, registered fungicide.

Turf Pest Control

Target Pest	Application Interval (Days)	Total Application Volume with water (gal per 1,000 sq. ft.)	Application Rates (Fluid Ounces CIVITAS™ per 1,000 sq. ft.)	Comments
Annual Blue Grass Weevils Banks Grass Mites Mealybugs Mites Cutworm Sod Webworm Fall Armyworm	7-21 days	1-5 gal.	8 fl. oz. CIVITAS™, And 0.5 fl. oz. CIVITAS HARMONIZER™ Up to: 16 fl. oz. CIVITAS™, And 1.0 fl. oz. CIVITAS HARMONIZER™	Do not make spot applications. Treat the entire area where exposure (or infestation) occurs. Insecticidal effect of CIVITAS™ can also be achieved when CIVITAS™ is combined with other compatible control methods as part of an integrated pest management (IPM) program.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of **INTELLIGRO, a Suncor Energy business [or]** Petro-Canada, the manufacturer or seller. To the extent consistent with applicable law neither **INTELLIGRO, a Suncor Energy business [or]** Petro-Canada, the manufacturer or seller shall be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Except as warranted by this label, **INTELLIGRO, a Suncor Energy business [or]** Petro-Canada, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, buyer's or user's exclusive remedy, and **INTELLIGRO, a Suncor Energy business [or]** Petro-Canada's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

[PRODUCT LOGO]



Ready-2-Mix

[OMRI LOGO]



[OPTIONAL MARKETING CLAIMS- to appear on any panel]

- CIVITAS™ - A Turf Management Tool
- Use CIVITAS™ as part of your Overall Turf Management Program
- Keep from freezing
- For Use in Both Conventional and Organic Turf grass Management

[INTELLIGRO COMPANY LOGO]

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